

ABSTRACT

The information processing apparatus allows, based on an image obtained by photographing a user by the CCD camera 8, to recognize the movement direction of the user and when generating a command corresponding to the recognized movement direction, to create the gesture recognition screen 100 in a search state indicating that the apparatus is searching for the user's movement and display it on a liquid crystal display 10 so as to certainly notify the user that the user's movement is recognizable and it is in a standby state. Further, the information processing apparatus allows, before recognizing the movement direction of the user's action based on the image obtained by photographing the user by the CCD camera 8, to generate a gesture recognition screen 100 in advance for making the user visualize a recognizable movement direction and display a target division 107 arranged in a horizontal line on the gesture recognition screen 100 so as to notify the user in advance that right-and-left movement is recognizable, using the target division 107. Furthermore, the information processing apparatus allows, based on the image obtained by photographing the user's hand with the CCD camera 8, to recognize the movement direction of the hand in the image and generate a visual feedback screen representing the trail of the movement of the recognized hand and display it on the liquid crystal display 10 so as to

make the user learn on how the movement of the hand was
recognized, by feedback.